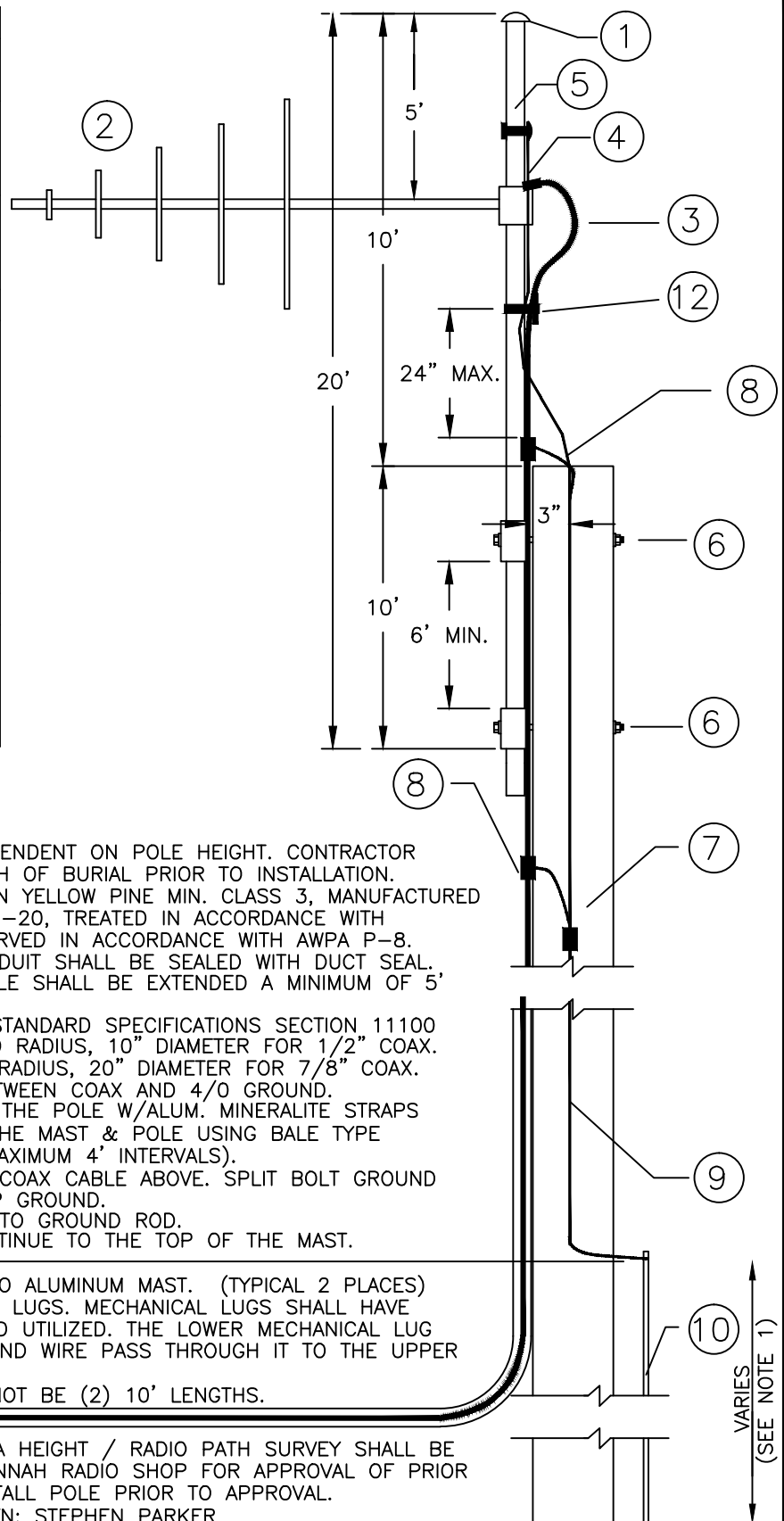


1	2" PIPE CAP
2	ANTENNA: DECIBEL PRODUCTS MODEL # DB499 880-960 MHZ. YAGI ANTENNA (10 dB GAIN)
3	CABLEWAVE OR APPROVED EQUAL LCF12-50J 1/2" TRANSMISSION LINE 1/2"≤100' LCF78-50J 7/8" TRANSMISSION LINE 7/8"≥100'
4	TYPE-N MALE CABLEWAVE CAPTIVATED CONNECTOR: 734803-A 1/2" N-MALE CONNECTOR 734804 7/8" N-MALE CONNECTOR
5	2" ALUMINUM PIPE (20' CONTINUOUS LENGTH)
6	ANTENNA MOUNTS (STANDOFFS) DECIBEL PRODUCTS DB365-W OR NEHRWESS NW6-2X
7	POLE (SEE NOTE B)
8	GROUNDING KIT (CABLEWAVE): 916 383 1/2" CLIP ON GRD KITS 916 386 7/8" CLIP ON GRD KITS
9	4/0 BARE GROUND WIRE
10	3/4" X 8' GROUND ROD. COPPER CLAD
11	2" PVC CONDUIT (SEE NOTE C)
12	HOSE CLAMP AND COAX CABLE HANGER— HOSE REQUIRE ON ALUMINUM MAST ONLY: WIRELESS SOLUTIONS: CLH/160/001 1/2" COAX HANGER CLIPS CLH/300/001 7/8" COAX HANGER CLIPS

* NOTE: SUBSTITUTIONS SHALL NOT BE MADE TO THE ITEMS LISTED WITHOUT PRIOR APPROVAL.



NOTES:

- A. DEPTH OF BURIAL IS DEPENDENT ON POLE HEIGHT. CONTRACTOR SHALL VERIFY PROPER DEPTH OF BURIAL PRIOR TO INSTALLATION.
- B. POLE SHALL BE SOUTHERN YELLOW PINE MIN. CLASS 3, MANUFACTURED IN ACCORDANCE WITH REA M-20, TREATED IN ACCORDANCE WITH REA AWPA C-4, AND PRESERVED IN ACCORDANCE WITH AWPA P-8.
- C. OPEN ENDS OF PVC CONDUIT SHALL BE SEALED WITH DUCT SEAL.
- D. PVC CONDUIT AT THE POLE SHALL BE EXTENDED A MINIMUM OF 5' ABOVE FINISHED GRADE.
- E. SEE CITY OF SAVANNAH STANDARD SPECIFICATIONS SECTION 11100
- F. DO NOT EXCEED 5" BEND RADIUS, 10" DIAMETER FOR 1/2" COAX. DO NOT EXCEED 10" BEND RADIUS, 20" DIAMETER FOR 7/8" COAX.
- G. MAINTAIN 3" MINIMUM BETWEEN COAX AND 4/0 GROUND.
- H. ATTACH THE GROUND TO THE POLE W/ALUM. MINERALITE STRAPS
- I. ATTACH COAX CABLE TO THE MAST & POLE USING BALE TYPE COAXIAL CABLE HANGERS (MAXIMUM 4' INTERVALS).
- J. INSTALL GROUND KIT ON COAX CABLE ABOVE. SPLIT BOLT GROUND CONNECTIONS, DO NOT LOOP GROUND.
- K. CAD WELD 4/0 GROUND TO GROUND ROD.
- L. GROUND WIRE MUST CONTINUE TO THE TOP OF THE MAST.

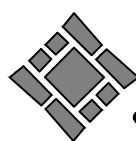
M. ATTACH GROUND WIRE TO ALUMINUM MAST. (TYPICAL 2 PLACES) WITH ALUMINUM MECHANICAL LUGS. MECHANICAL LUGS SHALL HAVE AN ANTI-OXIDANT COMPOUND UTILIZED. THE LOWER MECHANICAL LUG SHALL HAVE THE 4/0 GROUND WIRE PASS THROUGH IT TO THE UPPER MECHANICAL LUG.

N. ALUMINUM MAST SHALL NOT BE (2) 10' LENGTHS.

- 11 O. A COPY OF THE ANTENNA HEIGHT / RADIO PATH SURVEY SHALL BE SENT TO THE CITY OF SAVANNAH RADIO SHOP FOR APPROVAL OF PRIOR INSTALLATION. DO NOT INSTALL POLE PRIOR TO APPROVAL.
RADIO SHOP: 351-3440 ATTN: STEPHEN PARKER

ANTENNA MOUNTING (POLE MOUNT)

STANDARD
CONSTRUCTION
DETAILS



CITY OF
savannah
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

S18